

ITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/673,223

Filing Date:

September 30, 2003

Applicant:

Lei DING et al.

Group Art Unit:

2631

Title:

FREQUENCY

BASED

MODULATOR

COMPENSATION

Attorney Docket: 29250-001081/US

Commissioner of Patents

February 9, 2004

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information submitted for consideration by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A. Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cited pending U.S. application, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S.	. Serial	Number

U.S. Filing Date

C. This is a PCT application in the entry of the National Phase in the
United States. A copy of the International Search Report is attached for
the Examiner's information. The documents listed on the International
Search Report are listed on the attached Form-1449 for consideration by
the Examiner and for listing on any patent resulting from this
application. Since the International Search Report was from the US,
EPO, or JPO search authorities, copies of these references should have
been supplied to the USPTO under the trilateral agreement and are
believed to be in the file of the above-identified application. (MPEP
1893.03(g))
CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)
A. Except as may be indicated below in (B), all of the patents,
publications or other information are in the English language (concise
explanation not required).

B, \square A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

1. See the attached foreign patent office communication from a counterpart foreign application:

2. English translations are provided for:

3. Other: English Abstract provided

C. \square The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A.
The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.

Filing Date

Art Unit

III.

V. THIS IDS IS BEING FILED UNDER A. 37 C.F.R. § 1.97(b): (check only one box) 1. within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required. 2. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. §

1.97(b)(2)). No fee or certification is required.

- 3. before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- 4. \square before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. 37 C.F.R. § 1.97(c): (check only one box)

- before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.
- 1. \square No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- 2. \square See the certification below. No fee is required.

C. 37 C.F.R. § 1.97(d):

- after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.
- 1. \square See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box) The undersigned hereby certifies that: A. \textstyle each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or B. \(\preceq\) no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)). C. Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS. STATEMENT UNDER 37 CFR 1.704(d) The undersigned hereby states that: each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. 1.56(c) more than thirty days prior to the filing of this IDS.

VI.

VII.

VIII.	PAYMENT (OF FEES (che	ck <u>o</u>	nly one box)
	A. A chidentified fe		mou	nt of \$180.00 is enclosed for the above-
			_	Account No. 08-0750 in the amount of ted fee. A duplicate copy of this paper is
which either Furth	out any adm n anticipates r singly or nermore, this	ission that the s the invention in combination	ey co on, o on, t Discl	ng cited only in the interest of candor and institute statutory prior art, contain matter which would render the same obvious, to a person of ordinary skill in the art losure Statement shall not be construed as been made.
	is requested	to consider th	his II	OS has been filed under the wrong rule, the OS under the proper rule (with a petition if ate fee to Deposit Account No. 08-0750.
37 C.				fees or credit any overpayment pursuant to t Account No. 08-0750.
				Respectfully submitted,
				HARNESS, DICKEY, & PIERCE, P.L.C.
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			3	Gary Yacura, Reg. No. 35,416
				P.O. Box 8910 Reston, Virginia 20195
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Examiner:	Date Considered:	